DATA DICTIONARY

for

DATA FROM THE BALTIMORE LEAD PAINT ABATEMENT AND REPAIR & MAINTENANCE STUDY: THROUGH 24 MONTHS

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INTRODUCTION

The data collection methodology and sampling approach for the R&M study are described in detail elsewhere (Farfel, et al, 1994, January 1995, July 1995, May 1997). Briefly, environmental, blood, and questionnaire information was collected from three intervention groups (RM 1-3) and two control groups; Modern Urban (MU), and Previously Abated (PA) homes. In all, 107 homes (25 in each RM level, and 16 in each control group) were selected for follow-up sampling.

Environmental dust samples were collected prior to intervention (IN), immediately after intervention (PI), and at 2, 6, 12, 18, and 24 months following intervention. Blood and questionnaire information were collected prior to intervention, and 2 (blood only), 6, 12, 18, and 24 months following intervention.

This data dictionary documents the Pre-Intervention information from the R&M study that was used in analyses conducted to support EPA's Section 403 Rulemaking activities. As such, only a subset of all data elements and datasets from the Baltimore R&M study are presented in this document.

REFERENCES

Farfel, M.R., Rohde, C., Lees, P.S., Rooney, B., Bannon, D.I., Alvi, L., "Lead-Based Paint Abatement and Repair and Maintenance Study in Baltimore: Pre-Intervention Findings," U.S. EPA Office of Prevention, Pesticides, and Toxic Substances, EPA Report 747-R-95-012, August 1996.

Farfel, M.R., Lim, B.S. (1995) "The Lead Paint Abatement and Repair and Maintenance Study in Baltimore." IN: Lead in Paint, Soil, and Dust: Health Risks, Exposure Studies, Control Measures, Measurement Methods, and Quality Assurance, ASTM STP 1226, Michael E. Beard and S.D. Allen Iske, Eds. Philadelphia: American Society for Testing and Materials, 107-118.

Farfel, M.R., Rohde, C., Lees, P.S., Rooney, B., Bannon, D.I., Alvi, L., "Lead-Based Paint Abatement and Repair and Maintenance Study in Baltimore: Findings Based on Two Years of Follow-up," Prepared by Kennedy Krieger Research Institute for U.S. EPA, Office of Pollution Prevention and Toxics, May 1997.

Data Documentation
for
LEVELS.SD2

Summary

The LEVELS.SD2 dataset contains demographic information for each dwelling in the study, including the R&M abatement level. This file was used to link housing characteristics to dust, soil, paint, water, and questionnaire information collected throughout the course of the study.

Technical Information

Data Source: Kennedy Kreiger Research Institute (KKRI), Nineteenth (19th) Technical Reporting of the Data from the Baltimore Lead Paint Abatement and Repair & Maintenance Study, Submitted July 16, 1997.

Software Used to Create the Database: PC-SAS Version 6.12

Record Structure: SAS Dataset with One Record per Dwelling and Surface Type (as available)

Comments: Not all of the dwellings in this dataset necessarily appear in any of the other environmental or blood datasets.

Variable Definitions For LEVELS.SD2

VARIABLE	TYPE	DEFINITION
ALLEY	Num	House on alley street (0=no, 1=yes, 9=don't know)
ANCHOR	Date	Anchor Date (nonmissing for 107 R&M homes only. Approximately equal to dust sampling date during initial sampling round (IN). This variable was created by KKRI and has not been checked or validated.)
AREA	Num	Total Square Footage of the Dwelling
BORDER	Num	House bordering alley (0=no, 1=yes, 9=don't know)
COST	Num	Contract cost for abated homes ($)
DID	Char3	Dwelling ID (≤299 are control homes, ≥300 are potential intervention homes)
ENTRY	Char2	Round in which the home entered study
LEFT	Chart2	Campaign when home left the study or study group
LEVEL	Num	R&M Abatement Level (1,2,3,9) - see STUDYGRP variable
MO_12	Num	Is home part of 12-month campaign (1=yes, 0=no)
MO_24	Num	Is home part of 24-month campaign (1=yes, 0=no)
NEWID	Char3	New home ID after 2nd abatement
OCC_CODE	Char1	Occupancy code (O=occupied during sampling round, V=vacant during initial/pre-intervention round).
ORIGINAL	Num	107 R&M homes identifier (equals 1 if this home is one of the 107 selected continuing R&M study dwellings, equals 0 otherwise.)
PORCH	Num	Presence of a porch (0=no, 1=yes, 9=don't know)
SETBACK	Num	Distance of house from sidewalk
STATUS	Char1	Continuing in study status C = House continuing in study D = House dropped for safety reasons F = Family voluntarily withdrew from study I = Home ineligible (too much prior intervention or child too old) M = Child moved N = House not continuing in this study group after second intervention (this does not apply to pre-intervention datasets) O = Other R = Family refuses to continue S = No loan application submitted, home ineligible U,X= Unable to contact family after formal enrollment V = House vandalized or burned - dropped from study
STUDYGRP	Char3	Study Group in which home is categorized CPA = Control, previously abated CMU = Control, modern urban RM1 = R&M study home, level I RM2 = R&M study home, level II RM3 = R&M study home, level III RM9 = R&M study home, unknown level

VARIABLE	TYPE	DEFINITION
ZIPCODE	Char5	Zip code for the dwelling

Data Documentation
for
DUSTALL.SD2

Summary

The DUSTALL.SD2 dataset contains results from the dust sampling and other related information. Although there is some compositing of the dust samples within a particular story of each dwelling, the information in this dataset is not further composited or averaged.

Technical Information

Data Source: Kennedy Kreiger Research Institute (KKRI), Nineteenth (19th) Technical Reporting of the Data from the Baltimore Lead Paint Abatement and Repair & Maintenance Study, Submitted July 16, 1997.

Software Used to Create the Database: PC-SAS Version 6.12

Record Structure: SAS Dataset with One Record per Dwelling, Surface Type and/or Story (as available)

Variable Definitions for DUSTALL.SD2

VARIABLE	TYPE	DEFINITION
ADATE	Date (MMDDYY8.)	Lab Analysis Date
ANRUN	Char3	Lab Analysis Run Number
AREA	Num	Area sampled (square feet)
AREA_OLD	Num	Area sampled based on old window measurements
BATCH	Char3	Sample Batch ID
CDATE	Date (MMDDYY8.)	Sample Collection Date
CHIPS	Char8 (8*1)	Were paint chips present in window composite sample? (0=no, 1=yes). Up to 8 numbers, corresponding to window IDs in variable WINS
CONC	Num	Sample Pb concentration (ppm)
DID	Char3	Dwelling ID
DLOAD	Num	Sample Dust Loading (ug/sq.ft.)
DLOADOLD	Num	Sample Dust Loading based on old window measurements
DUP	Num	Duplicate sample flag (missing=normal field sample without dup taken, 1 = normal field sample with an associated duplicate, 2 = duplicate sample)
ENTRY	Char2	Campaign when home entered study
FBSID	Char6	Field blank sample ID
FBWEIGHT	Num	Field blank sample weight
INST	Char4	Lab analysis instrument (ICP, GFAA)
LOAD	Num	Dust Pb Loading (ug/sq.ft.)
LOAD_OLD	Num	Dust Pb Loading based on old window measurements
LOQ	Num	Limit of quantitation
LT	Num	Less than detection limit flag 0: Concentration is greater than LOD & LOQ 1: Concentration is greater than LOD but less than LOQ 10: Concentration is less than both LOD and LOQ
MICROGM	Num	Sample Pb in total micrograms
NEWID	Char3	New home ID after 2nd abatement, if applicable
OCC_CODE	Char1	Home occupied status code (O=occupied during sampling round, V=vacant during initial/pre-intervention round)
ORIGINAL	Num	107 R&M homes identifier (equals 1 if this home is one of the 107 selected continuing R&M study dwellings, equals 0 otherwise.)
PAIR	Num	Pair sequence linking field samples with associated duplicates. Missing for field samples with no associated duplicate.

VARIABLE	TYPE	DEFINITION
READ	Num	Instrument reading for lead
ROOMS	Char8 (8*1)	List of Room ID letters in composite sample (up to 8 room IDs, each 1 character)
ROUND	Char2	Sampling round (IN = initial/pre-intervention, PI = Immediately Post Intervention, 02 =two months post intervention, 06 =six months post intervention, 12 =twelve months post intervention, 18 =eighteen months post intervention, 24=twenty-four months post intervention)
SAMPTYPE	Char1	Sample type C = Composite I = Individual L = Left half composite R = Right half composite N = Floor composite from room without windows W = Floor composite from room with windows
SID	Char6	Field sample ID
STORY	Char1	Story of the home (0=basement, 1, 2)
STUDYGRP	Char3	Study Group in which home is categorized CPA = Control, previously abated CMU = Control, modern urban RM1 = R&M study home, level I RM2 = R&M study home, level II RM3 = R&M study home, level III RM9 = R&M study home, unknown level
SUBSTRAT	Char8 (8*1)	Substrate from which the individual or composite sample was taken. Up to 8 letters corresponding to list of Room IDs in variable ROOMS, or list of window IDs in variable WINS B = Marble C = Concrete F = Fiber/Carpet L = Smooth Linoleum/Tile M = Metal O = Other T = Textured Linoleum/Tile U = Unsealed Wood V = Vinyl W = Sealed Wood
SURFCOND	Char8	Condition of surface from the which individual or composite sample was taken. Up to 8 letters corresponding to list of Room IDs in variable ROOMS, or list of window IDs in variable WINS S = Smooth R = Rough (intact) D = Rough (deteriorated) N = Not applicable (fiber/carpet)

VARIABLE	TYPE	DEFINITION
SURFTYPE	Char1	Type of surface the sample was collected from A = Air Duct B = Interior Entrance E = Exterior Entrance F = Floor (see variable SAMPTYPE to determine whether floor sample is from room with or without windows) I = Interior Entrance O = Other R = Exterior Entrance S = Window sill U = Upholstery W = Window well
WEIGHED	Date (MMDDYY8.)	Date that the sample weighed
WEIGHT	Num	Weight of the field sample (gm)
WINS	Char16 (8*2)	List of window ID numbers in composite sample (up to 8 window IDs, each 2 numeric characters)
WINFLAG	Num	Number of windows in composite with updated dimensions after re-measurement

Data Documentation
for
CHBLDALL.SD2

Summary

The CHBLDALL.SD2 dataset contains the blood-lead results for each child enrolled in the study during the pre-intervention sampling. In addition, demographic and behavioral information on each child is included in this dataset. These variables were abstracted from the study questionnaire.

Technical Information

Data Source: Kennedy Kreiger Research Institute (KKRI), Nineteenth (19th) Technical Reporting of the Data from the Baltimore Lead Paint Abatement and Repair & Maintenance Study, Submitted July 16, 1997.

Software Used to Create the Database: PC-SAS Version 6.12

Record Structure: SAS Dataset with One Record per Dwelling and Child (as available)

Comments: A record was included in this dataset if blood data existed for that child and sampling round, whether or not any interview data also existed at that time. The only exception is for dwelling 108 (see explanation under FLAG above).

Variable Definitions for CHBLDALL.SD2

VARIABLE	TYPE	DEFINITION
DID	Char3	Dwelling ID
OCC_CODE	Char1	Occupancy code (O=occupied during initial sampling round, V=vacant during initial/pre-intervention round).
FLAG	Num1	107 R&M homes identifier (=1 if this home is one of the 107 selected continuing R&M study dwellings, =0 otherwise). This is the same as the variable ORIGINAL in LEVELS.SD2. Note: DID 108 did not have any blood data, but records with interview data only are included in this dataset for this home since it had FLAG=1.
STUDYGRP	Char3	Study group in which home is categorized CPA = Control, previously abated CMU = Control, modern urban RM1 = R&M study home, level I RM2 = R&M study home, level II RM3 = R&M study home, level III RM9 = R&M study home, unknown level
ROUND	Char2	Sampling round (IN = initial/pre-intervention, PI = Immediately Post Intervention, 02 =two months post intervention, 06 =six months post intervention, 12 =twelve months post intervention, 18 =eighteen months post intervention, 24=twenty-four months post intervention)
RNDFLAG	Num	Flag for recoded sampling round (from blood collection records) (Note: This does not apply to pre-intervention datasets. RNDFLAG is always missing since the ROUND variable was never recoded.)
CID	Num	Child ID (CID = 1,2,3, etc. are children from first family in dwelling; 21, 22, 23, etc. are children from second family; 31, 32, 33, etc. are children from third family.
CIDFLAG	Num	Flag for recoded child ID (1 = child ID was recoded, missing otherwise)
NEWBORN	Num	Born Into Study. This variable was created by KKRI and has not been checked or validated.
ENTRY	Char2	Entry Campaign (Round). This variable was created by KKRI and has not been checked or validated.
DOB	MMDDYY8.	Child's date of birth (from top of Questionnaire Section D/F)
GENDER	Char1	Gender (M,F)
AGECALC	Num	Age in years (calculated as blood collection date minus date of birth)
LIVEFROM	MMDDYY8.	Current residence from (to nearest month) (from Section D/F, question #27)
TIMLIVED	Num	Months lived in current residence (calculated as blood collection date minus the latter of birth date or starting date of time lived
BCOLDATE	MMDDYY8.	Blood collection date
LNBLOOD	Num	Log of Pb Blood Concentration
PBBLOOD	Num	Pb Blood concentration (ug/dL)

VARIABLE	TYPE	DEFINITION
FEP	Num	Free erythrocyte protoporphyrin (ug/dL)
HCT	Num	Hematocrit (%)
ASV1	Num	ASV PbB Value 1
ASV2	Num	ASV PbB Value 2
ASV	Num	Average ASV conc (ug/dL)
ASVDATE	MMDDYY8.	ASV Analysis Date
GFAAPBB1	Num	GFAA PbB Value 1
GFAAPBB2	Num	GFAA PbB Value 2
GFAA	Num	Average GFAA conc (ug/dL)
GFAADATE	MMDDYY8.	GFAA Analysis Date
LNASV	Num	Log of ASV resulting concentration
LNGFAA	Num	Log of GFAA resulting concentration
INTDATE	MMDDYY8.	Date of interview from Questionnaire Section D or F. If missing, all interview variables are missing.
FINGMOUT	Num	Fingers in mouth (Section D/F, question #1)
TOYSMOUT	Num	Toys in mouth (Section D/F, question #2)
DIRTMOUT	Num	Dirt in mouth (Section D/F, question #3)
PANTMOUT	Num	Paint chips in mouth (Section D/F, question #4)
SILLMOUT	Num	Does child chew on sill? (0=no, 1=yes, 8=not applicable, 9=unknown) (Section D/F, question #24)
ANEMIA	Num	Anemia in last 3 months (0=no, 1=yes, 8=no physician visit in last 3 months, 9=unknown) (Section D/F, question #12)
IRONSUPP	Num	Iron supplement (0=no, 1=yes, 2=yes/vitamins with iron,3=yes/formula with iron, 4=yes/other combination, 8=not applicable, 9=unknown) (Section D/F, question #13)
LEADTEST	Num	Test for lead before (0=no, 1=yes, 9=unknown) (Section D/F, question #15)
CHELATN	Num	Child ever received chelation therapy (0=no, 1=yes, 8=not applicable) (Section D/F, question #19) If CHELATN is missing or 8, it can be recoded to zero.
CHELDATE	MMDDYY8.	Last chelation date (missing = either not applicable or unknown) (Section D/F, question #20)
INHOUSE1	Num	Weekday inside house (Section B/E, question #D-a)
RNDHOUS1	Num	Weekday around house (Section B/E, question #D-b)
PARK1	Num	Weekday at park (Section B/E, question #D-c)

VARIABLE	TYPE	DEFINITION
OTHBLDG1	Num	Weekday another building (Section B/E, question #D-d)
INHOUSE2	Num	Weekend day inside house (Section B/E, question #E-a)
RNDHOUS2	Num	Weekend day outside house (Section B/E, question #E-b)
PARK2	Num	Weekend day at park (Section B/E, question #E-c)
OTHBLDG2	Num	Weekend day another building (Section B/E, question #E-d)
SLEEPAWY	Num	No.times per month the child sleeps away from home (Section B/E, question #F)

Data Documentation
for
DWELLALL.SD2

Summary

The DWELLALL.SD2 dataset contains information similar to the DUSTALL.SD2 dataset (the DWELLALL.SD2 dataset was created from the DUSTALL.SD2 dataset). The difference is that, unlike the DUSTALL.SD2 dataset, the DWELLALL.SD2 dataset contains *a single record* for each dwelling. The loading and concentration values in this record represent the area weighted (for loadings) or a mass weighted (for concentrations) geometric average of all dust samples collected for a given surface type in a dwelling.

In addition to a single dust value for each surface type, the DWELLALL.SD2 dataset contains the results of the soil and water sampling.

Technical Information

Data Source: Kennedy Kreiger Research Institute (KKRI), Nineteenth (19th) Technical Reporting of the Data from the Baltimore Lead Paint Abatement and Repair & Maintenance Study, Submitted July 17, 1997.

Software Used to Create the Database: PC-SAS Version 6.12

Record Structure: SAS Dataset with One Record per Dwelling

Comments:

(1) This dataset was created from DUSTALL.SD2 by taking area weighted averages (for loading values) or mass weighted averages (for concentrations).

(2) Dust lead loadings are area-weighted averages in ug/ft^2 .
Dust loadings are area-weighted averages in ug/ft^2 .
Dust lead concentrations are mass-weighted averages in ppm
Sums of sample areas are in square feet.
Sums of sample masses are in grams.

(3) Total floor & interior sample areas can be obtained by adding FLRAREA + INTAREA.

Total floor & interior sample masses can be obtained by adding FLRMASS + INTMASS.

Numbers of floor & interior samples can be obtained by adding NFLOOR + FINTER.

Variable Definitions for DWELLALL.SD2

VARIABLE	TYPE	DEFINITION
DID	Char3	Dwelling ID number (≤299 are control homes, ≥300 are potential intervention homes)
STUDYGRP	Char3	Study group in which home is categorized CPA = Control, previously abated CMU = Control, modern urban RM1 = R&M study home, level I RM2 = R&M study home, level II RM3 = R&M study home, level III RM9 = R&M study home, unknown level
ROUND	Char2	Sampling round (IN = initial/pre-intervention, PI = Immediately Post Intervention, 02 =two months post intervention, 06 =six months post intervention, 12 =twelve months post intervention, 18 =eighteen months post intervention, 24=twenty-four months post intervention)
OCC_CODE	Char1	Occupancy code (O=occupied during initial sampling round and/or abatement, V=vacant during abatement). Note: if OCC_CODE = V, blood Pb levels should not be correlated with dust Pb levels during the initial sampling round since families were not living in those homes until right after abatement.)
FLAG	Num	107 R&M homes identifier (equals 1 if the home is one of the 107 selected R&M dwellings for long-term study, 0 otherwise).
ENTRY	Char2	Campaign when home entered study
LEFT	Char2	Campaign when home left the study or study group
NEWID	Char3	New home ID after 2nd abatement, if applicable
STATUS	Char1	Study status as of the current technical report (see variable definition of STATUS under LEVELS.SD2)
MO_12	Num	Is home part of 12-month campaign (1=yes, 0=no)
MO_24	Num	Is home part of 24-month campaign (1=yes, 0=no)
ALLEY	Num	House on alley street (0=no, 1=yes, 9=don't know)
ANCHOR	Date (MMDDYY8.)	Anchor Date (nonmissing for 107 R&M homes only. Approximately equal to dust sampling date during initial sampling round (IN). This variable was created by KKRI and has not been checked or validated.)
AREA	Num	Total Sq. Footage of dwelling
BORDER	Num	House bordering alley (0=no, 1=yes, 9=don't know)
COST	Num	Contract cost for abated homes ($)
PORCH	Num	Presence of a porch (0=no, 1=yes, 9=don't know)
SETBACK	Num	Distance of house from sidwalk
CINTDATE	MMDDYY8.	Interview date on Questionnaire Section C.

VARIABLE	TYPE	DEFINITION
HOUSQUAL	Num	Housing quality code (1=public housing, 2=modern housing, 3=older housing with little peeling paint, 4=older housing with lots of peeling paint, (Sections D/F, question #27)
NUM_OCC	Num	No. people occupying household (Section C, question #1)
NUMCHILD	Num	No. children less than or equal to 7 yrs (calculated from ages given in Section C, question #2)
OWNRSHIP	Num	Ownership? (0=no, 1=yes, 9=unknown) (Section C, question #3)
COSTRENT	Num	Cost of Rent/Mortgage per month($) 999=unknown (Section C, question #4)
EXPOSJOB	Num	Potential lead exposing jobs of anyone in dwelling (0=no, 1=yes, 9=unknown) (Section C, question #5)
WEARCLTH	Num	Wear work clothes at home? (0=no, 1=yes, 8=not applicable, 9=unknown) (Section C, question #6)
WASHCLTH	Num	Wash work clothes at home? (0=no, 1=yes, 8=not applicable, 9=unknown) (Section C, question #7)
RREXPOS	Num	Home remodeling exposure (0=no, 1=yes, 8=not applicable, 9=unknown) (Section C, question #9)
DCOLDATE	MMDDYY8.	Dust collection date
FINPBLOD	Num	Floor & interior entrance Pb dust loadings
FINDULOD	Num	Floor & interior entrance dust loadings
FINCONC	Num	Floor & interior entrance Pb concentration
FLRPBLOD	Num	Floor Pb dust loadings
FLRDULOD	Num	Floor dust loadings
FLRCONC	Num	Floor Pb concentration
FLRAREA	Num	Floor sample area (sum)
FLRCARP	Num	Floor sample area which is carpeted
FLRMASS	Num	Floor sample mass (sum)
NFLOOR	Num	No. of floor samples
INTPBLOD	Num	Interior entrance Pb dust loadings
INTDULOD	Num	Interior entrance dust loadings
INTCONC	Num	Interior entrance Pb concentration
INTAREA	Num	Interior entrance sample area (sum)
INTCARP	Num	Interior sample area which is carpeted
INTMASS	Num	Interior entrance sample mass (sum)
NINTER	Num	No. of interior entrance samples

VARIABLE	TYPE	DEFINITION
WELPBLOD	Num	Window well Pb dust loadings
WELDULOD	Num	Window well dust loadings
WELCONC	Num	Window well Pb concentration
WELAREA	Num	Window well sample area (sum)
WELMASS	Num	Window well sample mass (sum)
NWELL	Num	No. of well samples
WWINFLAG	Num	Total number of window wells in composites with updated dimensions after re-measurement
WPLODOLD	Num	Old Window well Pb dust loadings
WDLODOLD	Num	Old Window well dust loadings
WAREAOLD	Num	Old Window well sample area
SILPBLOD	Num	Sill Pb dust loadings
SILDULOD	Num	Sill dust loadings
SILCONC	Num	Sill Pb concentration
SILAREA	Num	Sill sample area (sum)
SILMASS	Num	Sill sample mass (sum)
NSILL	Num	No. of sill samples
SWINFLAG	Num	Total number of window sills in composites with updated dimensions after re-measurement
SPLODOLD	Num	Old Window sill Pb dust loadings
SDLODOLD	Num	Old Window sill dust loadings
SAREAOLD	Num	Old Window sill sample area
EXTPBLOD	Num	Exterior entrance Pb dust loadings
EXTDULOD	Num	Exterior entrance dust loadings
EXTCONC	Num	Exterior entrance Pb concentration
EXTAREA	Num	Exterior entrance sample area (sum)
EXTMASS	Num	Exterior entrance sample mass (sum)
NEXTER	Num	No. of exterior entrance samples
SCOLDATE	MMDDYY8.	Soil Collection Date
CONCSOLD	Num	Pb concentration (ppm) in soil from drip line
CONCSOLP	Num	Pb concentration (ppm) in soil from property line
CONCSOLO	Num	Pb concentration (ppm) in soil from other locations

VARIABLE	TYPE	DEFINITION
LODWATER	Num	Limit of detection for water
LOQWATER	Num	Limit of quantitation for water
LTWATER	Num	Water samples less than detection limit 0: Concwatr is greater than LOD & LOQ 1: Concwatr is greater than LOD but less than LOQ 10: Concwatr is less than both LOD and LOQ
CONCWATR	Num	Pb concentration in water (ppm)

Data Documentation
for
SOIL.SD2

Summary

The SOIL.SD2 dataset contains the results of, and detailed information on, the soil samples.

Technical Information

Data Source: Kennedy Kreiger Research Institute (KKRI), Nineteenth (19th) Technical Reporting of the Data from the Baltimore Lead Paint Abatement and Repair & Maintenance Study, Submitted July 16, 1997.

Software Used to Create the Database: PC-SAS Version 6.12

Record Structure: SAS Dataset with One Record per Dwelling and Surface Type (as available)

Variable Definitions for SOIL.SD2

VARIABLE	TYPE	DEFINITION
ADATE	Date (MMDDYY8.)	Lab Analysis Date
ANRUN	Char3	Lab Analysis Run No.
BATCH	Char3	Sample Batch ID
CDATE	Date (MMDDYY8.)	Collection Date
CHILDFLG	Char1	Child Flag: Do any children from this home play in this area? (0=no, 1=yes, 8=not applicable, 9=don't know)
CONC	Num	Soil Pb Concentration, ppm (equals micrograms/weight)
DID	Char3	Dwelling ID
FBREAD	Num	Field blank instrument reading for lead
FBSID	Char6	Field blank sample ID
INST	Char4	Lab Analysis Instrument (GFAA)
LOCATION	Char1	Location in relation to home from where the sample was taken (F=front, R=rear, S=side)
LOD	Num	Limit of Detection
LOQ	Num	Limit of Quantitation
LT	Num	Less than detection limit flag
MBREAD	Num	Method blank instrument reading for lead
MICROGM	Num	Micrograms of lead (equals read * volume)
READ	Num	Instrument reading for lead
ROUND	Char2	Sampling round (IN = initial/pre-intervention, PI = Immediately Post Intervention, 02 =two months post intervention, 06 =six months post intervention, 12 =twelve months post intervention, 18 =eighteen months post intervention, 24=twenty-four months post intervention)
SID	Char6	Sample ID
STYPE	Char2	Sample type (FS, SO = field samples)
SURFDESC	Char1	Surface Description (E=exposed dirt, G=grass/ground cover, C=combined)
SURFTYPE	Char1	Surface Type (D=drip line, P=property line, O=other)
VOLUME	Num	Volume of sample
WEIGHED	Date (MMDDYY8.)	Date sample weighed
WEIGHT	Num	Weight of sample

Data Documentation
for
WATER.SD2

Summary

The WATER.SD2 dataset contains the results of, and detailed information on, the tap water samples.

Technical Information

Data Source: Kennedy Kreiger Research Institute (KKRI), Nineteenth (19th) Technical Reporting of the Data from the Baltimore Lead Paint Abatement and Repair & Maintenance Study, Submitted July 16, 1997.

Software Used to Create the Database: PC-SAS Version 6.12

Record Structure: SAS Dataset with One Record per Dwelling (as available)

Variable Definitions for WATER.SD2

VARIABLE	TYPE	DEFINITION
ADATE	Date (MMDDYY8.)	Lab analysis date
ANRUN	Char3	Lab analysis run number
BATCH	Char3	Sample Batch ID
CDATE	Date (MMDDYY8.)	Collection Date
COLLTIME	Num	Collection Time
CONC	Num	Water Pb Concentration (ppm)
DID	Char3	Dwelling ID (≤299 are control homes, ≥300 are potential intervention homes)
FBREAD	Num	Field blank instrument reading for lead
FBSID	Char6	Field blank sample ID
INST	Char4	Lab Analysis Instrument (GFAA)
LEVEL	Char1	Level (story) of home the sample was taken from (1,2 = 1st or 2nd story)
LOD	Num	Limit of detection
LOQ	Num	Limit of quantitation
LT	Num	Less than detection limit flag 0: Concentration is greater than LOD & LOQ 1: Concentration is greater than LOD but less than LOQ 10: Concentration is less than both LOD and LOQ
MBREAD	Num	Method blank instrument reading for lead
READ	Num	Instrument reading for lead
POSITION	Num	Position within analytical run
RECEIVE	MMDDYY8.	Date sample received
ROUND	Char2	Sampling round (IN = initial/pre-intervention, PI = Immediately Post Intervention, 02 =two months post intervention, 06 =six months post intervention, 12 =twelve months post intervention, 18 =eighteen months post intervention, 24=twenty-four months post intervention)
SID	Char6	Field Sample ID
STYPE	Char2	Sample type (FS, SO = field samples)
USAGE	Char2	Room usage (KI=kitchen, BA=bathroom)
WEIGHED	Date (MMDDYY8.)	Date the sample was weighed